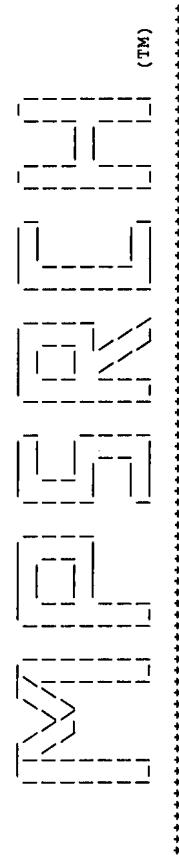


| RESULT | 7 | LOCUS | HUMD4H12M3 | 98 bp | mRNA | PRI | 01-DEC-1994 | JOURNAL | COMMENT | COMMENT |
|-----------------------|--|-------|------------|-------|------|-----|-------------|--|---------|---------|
| DEFINITION | Human HEPG2 3' region MboI cDNA, clone hmd4h12m3. | | | | | | | Contact: Richard M. Myers Stanford Human Genome Center (SHGC) Stanford University School of Medicine Department of Genetics, M-344, Stanford, CA 94305, USA | | |
| ACCESSION | D17247 | | | | | | | Tel: 4157259687 Fax: 4157259689 | | |
| NID | 9538848 | | | | | | | Email: myers@shgc.stanford.edu | | |
| KEYWORDS | Homo sapiens Male cell_line:HepG2 cDNA to mRNA, clone_lib:Kiseru. gene signature. | | | | | | | | | |
| SOURCE | Homo sapiens | | | | | | | | | |
| ORGANISM | Eukaryote; mitochondrial eukaryotes; Metazoa; Chordata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo. | | | | | | | | | |
| REFERENCE | 1 (bases 1 to 98) | | | | | | | | | |
| AUTHORS | Matoba, R., Okubo, K., Hori, N., Fukushima, A. and Matsubara, K. | | | | | | | | | |
| TITLE | The addition of 5'-coding information to a 3'-directed cDNA library improves analysis of gene expression | | | | | | | | | |
| JOURNAL | Gene 146 (2), 199-207 (1994) | | | | | | | | | |
| MEDLINE | 94357437 | | | | | | | | | |
| REFERENCE | 2 (bases 1 to 98) | | | | | | | | | |
| AUTHORS | Matoba, R. | | | | | | | | | |
| TITLE | Direct Submission | | | | | | | | | |
| JOURNAL | Submitted (21-JUL-1993) to the DDBJ/EMBL/GenBank databases. Ryo Matoba, Osaka University, Institute for Molecular and Cellular Bio: | | | | | | | | | |
| COMMENT | (E-mail:matoba@inherit.imcb.osaka-u.ac.jp, Tel:81-6-877-5111(ex.3314), Fax:81-6-877-1922) Submitted (21-Jul-1993) to DDBJ by: Ryo Matoba | | | | | | | | | |
| FEATURES | source | | | | | | | | | |
| source | 1. Location/Qualifiers | | | | | | | | | |
| | 1. 1. 98 | | | | | | | | | |
| | /organism="Homo sapiens" | | | | | | | | | |
| | /db_xref="taxon:9606" | | | | | | | | | |
| | /db_xref="HepG2" | | | | | | | | | |
| | /clone_lib="Kiseru" | | | | | | | | | |
| BASE COUNT | 23 a 29 c 24 g 21 t 1 others | | | | | | | | | |
| ORIGIN | 79.6% | | | | | | | | | |
| ORIGIN | 79.6% | | | | | | | | | |
| Query Match | Score 6.8%; DB 21; Length 98; | | | | | | | | | |
| Best Local Similarity | 87.6%; Pred. No. 1.35e-28; Mismatches 0; Indels 0; Gaps 0; | | | | | | | | | |
| Matches | 78; Conservative | | | | | | | | | |
| Db | 9 GCGGCCGCTAGAGGTCAAGGTTCAGGAGCTTACGGAGCTGATGGCGCTTCCTA 68 | | | | | | | Score 59; DB 24; Length 398; | | |
| Qy | 890 GCGGCCGCTAGAGGTCAAGGTTCAGGAGCTTACGGAGCTGATGGCGCTTCCTA 949 | | | | | | | Best Local Similarity 88.2%; Pred. No. 4.07e-22; Matches 67; Conservative 0; Mismatches 8; Indels 1; Gaps 1; | | |
| Db | 69 TAGANGCACCAATTCAATTCAACTGGCC 97 | | | | | | | Db 320 GCGGGNCNCCTAGAGGATCCAAGGTTCAGGAGCTATNCAGTCATAG-TCTCT 378 | | |
| Qy | 950 TAGTGTACCTAAATTCAATTCACTGGCC 978 | | | | | | | Qy 889 GGCGCCGCTAAAGGATCCAAGGTTCAGGAGCTATGGCGCTATGGCTCTCTCT 948 | | |
| RESULT | 8 | | | | | | | Db 379 NTNGTGTCACTAAAT 394 | | |
| LOCUS | G13951 398 bp DNA | | | | | | | Qy 949 ATATGTCACTAAAT 964 | | |
| DEFINITION | human STS SHGC-2867 clone PG-564. | | | | | | | RESULT 9 | | |
| ACCESSION | G13951 | | | | | | | LOCUS pSVSPORT | | |
| NID | 91129690 | | | | | | | DEFINITION Cloning vector pSVSPORT | | |
| KEYWORDS | STS sequence; primer; sequence tagged site. | | | | | | | ACCESSION U14626 | | |
| SOURCE | Human. | | | | | | | NID 9540252 | | |
| ORGANISM | Eukaryote; mitochondrial eukaryotes; Metazoa; Chordata; Vertebrata; Gnathostomata; Osteichthyes; Sarcopterygii; Choanata; Tetrapoda; Amniota; Mammalia; Theria; Eutheria; Archonta; Primates; Catarrhini; Homidae; Homo. | | | | | | | KEYWORDS Cloning vector pSVSPORT | | |
| REFERENCE | 1 (bases 1 to 398) | | | | | | | ORGANISM Cloning vector pSVSPORT | | |
| AUTHORS | Myers, R.M. | | | | | | | REFERENCE 1 (sites) | | |
| JOURNAL | Life Technologies, Inc. Catalogue Unpublished (1994) | | | | | | | AUTHORS D'Alessio, J.M. | | |



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MPsrch_nn n.a. - n.a. database search, using Smith-Waterman algorithm

on: Wed Sep 2 01:52:25 1998; MasPar time 54.90 Seconds
1033.601 Million cell updates/sec
olar output not generated.

Title: >US-08-911-423-3
Description: (1-1006) from US08911423.seq
Perfect Score: 1006

N.A. Sequence: Comp:
1 ATGGCACAGCACGGGGCAT..... ACAAGCTCTGACTGGAAA 1006
TACCGTGCTGCCCCGCTA..... TGTGCAAGGACTGACCCCTT

Scoring table: TABLE default
Gap 6

Database: n-issued

1:5_COMB 2:PCT9_COMB 3:backfiles
Searched: 108126 seqs, 28203311 bases x 2
Post-processing: Minimum Match 0%
Statistics: Mean 8.511; Variance 5.142; scale 1.655
Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

8

| Result No. | Query | Match | Length | DB ID | Description | Pred. No. | |
|------------|-------|-------|--------|-------|-------------|-----------------------------------|----------------------------------|
| 1 | 85 | 8.4 | 1581 | 1 | US-08-183- | 3.14e-38 | |
| 2 | 48 | 4.8 | 7218 | 1 | US-08-232- | Sequence 14, Application 7.60e-15 | |
| 3 | 41 | 4.1 | 215 | 1 | US-08-338- | Sequence 5, Application 1.07e-10 | |
| c | 4 | 4.1 | 7218 | 1 | US-08-332- | Sequence 14, Application 1.07e-10 | |
| c | 5 | 4.0 | 52 | 2 | PCT-US95-1 | Sequence 73, Application 4.10e-10 | |
| c | 6 | 3.9 | 206 | 1 | US-08-554- | Sequence 32, Application 1.55e-09 | |
| c | 7 | 3.9 | 1619 | 1 | US-08-507- | Sequence 1, Application 1.55e-09 | |
| c | 8 | 3.9 | 1754 | 1 | US-08-507- | Sequence 2, Application 1.55e-09 | |
| c | 9 | 3.9 | 3681 | 1 | US-07-242- | Sequence 6, Application 1.55e-09 | |
| c | 10 | 3.9 | 4164 | 1 | US-08-204- | Sequence 1, Application 1.55e-09 | |
| c | 11 | 3.9 | 3.9 | 4164 | 2 | PCT-US95-0 | Sequence 1, Application 1.55e-09 |
| c | 12 | 3.9 | 4.283 | 1 | US-08-445- | Sequence 4, Application 1.55e-09 | |
| c | 13 | 3.9 | 4.283 | 1 | US-08-743- | Sequence 3, Application 1.55e-09 | |
| c | 14 | 3.9 | 3.9 | 4539 | 1 | US-08-119- | Sequence 1, Application 1.55e-09 |
| c | 15 | 3.9 | 3.9 | 4933 | 1 | US-08-204- | Sequence 2, Application 1.55e-09 |
| c | 16 | 3.9 | 4.933 | 2 | PCT-US95-0 | Sequence 2, Application 1.55e-09 | |
| c | 17 | 3.9 | 5314 | 1 | US-07-724- | Sequence 1, Application 1.55e-09 | |
| c | 18 | 3.9 | 14311 | 2 | PCT-US96-0 | Sequence 7, Application 1.55e-09 | |
| c | 19 | 3.9 | 14311 | 2 | PCT-US96-0 | Sequence 1, Application 1.55e-09 | |
| c | 20 | 3.8 | 432 | 2 | PCT-US93-0 | Sequence 10, Application 5.81e-09 | |

8

Query

Match

Length

DB ID

Description

Pred. No.

ALIGNMENTS

RESULT 1
ID US-08-383-756-1 STANDARD; DNA; UNC; 1581 BP.
AC xxxxxxxx

DT Sequence 1, Application US/08383756

DE Sequence 1, Application US/08383756

CC Patent No. 5182210.

CC GENERAL INFORMATION:

CC NUMBER OF SEQUENCES: 17

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: Calgene, Inc.

CC STREET: 1920 Fifth Street

CC CITY: Davis

CC STATE: CA

CC COUNTRY: USA

CC ZIP: 95616

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.0 MB

COMPUTER: Apple Macintosh 7.0

OPERATING SYSTEM: Macintosh 7.0

SOFTWARE: Microsoft Word 5.1(a)

CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/383,756

CC FILING DATE: 02-FEB-1995

CC CLASSIFICATION: 435

CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: 08/261,695

CC FILING DATE: 16-JUN-94

CC CLASSIFICATION: 435

PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: US/08/383,756

CC FILING DATE: 29-OCT-93

CC ATTORNEY/AGENT INFORMATION:

NAME: Elizabeth Lassen

REGISTRATION NUMBER: 31,845

NAME: Donna E. Scherer
 CC REGISTRATION NUMBER: 34,719
 CC NAME: Carl J. Schwedler
 CC REGISTRATION NUMBER: 36,924
 CC REFERENCE/DOCKET NUMBER: CGNE 11.1
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (916) 753-6313
 CC TELEFAX: (916) 753-1510
 CC INFORMATION FOR SEQ ID NO: 1:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 1501 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: double
 CC TOPOLOGY: Linear
 CC MOLECULE TYPE: cDNA to mRNA
 SQ SEQUENCE 1581 BP; 418 A; 356 C; 410 G; 397 T; 0 OTHER.
 Query Match 8.4%; Score 85; DB 1; Length 1581;
 Best Local Similarity 98.9%; Pred. No. 3.14e-38; 0; Indels 0; Gaps 0;
 Patches 86; Conservative 0; Mismatches 1;
 Query Match 2.1%; Score 1495; DB 1; Length 1554;
 Best Local Similarity 98.9%; Pred. No. 5.6703e-11; 0; Indels 0; Gaps 0;
 Patches 889; GCGGGCGCTCTAAGGATTCAGCTTAAGCTTACGTAGCCTGCGCGCATCGACGCTCATGGCTCT 1495
 QY 889 GCGGGCGCTCTAAGGATTCAGCTTAAGCTTACGTAGCCTGCGCGCATCGACGCTCATGGCTCT 948
 Db 1555 ATAGTGTACCTTAATATCAATTCAATTCAACTG 1581
 QY 949 ATAGTGTACCTTAATATCAATTCAACTG 975

RESULT 2
 ID US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
 AC xxxxxx

DT Sequence 14, Application US/08232463
 DE Sequence 14, Application US/08232463
 CC Patent No. 5,6703e-11
 CC GENERAL INFORMATION:
 CC APPLICANT: DORNER, F.
 CC ADDRESS: Foley & Lardner
 CC STREET: 1800 Diagonal Road, Suite 500
 CC CITY: Alexandria
 CC STATE: VA
 CC COUNTRY: USA
 CC ZIP: 22313-0299

CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, Version #1.25
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/232,463
 CC FILING DATE:
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US/07/935,313
 CC FILING DATE:
 CC APPLICATION NUMBER: EP 91 114 300.6
 CC FILING DATE: 26 AUG-1991
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: BENT, Stephen A.
 CC REGISTRATION NUMBER: 29,768
 CC REFERENCE/DOCKET NUMBER: 30472/114 IMMU
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (703) 836-9300
 CC TELEFAX: (703) 683-4109
 CC TELEX: 899149
 CC INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:
 CC LENGTH: 7218 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: Linear
 CC IMMEDIATE SOURCE:
 CC CLONE: PTZOPT-F1s
 CC SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.
 Query Match 4.8%; Score 48; DB 1; Length 7218;
 Best Local Similarity 5.7%; Pred. No. 7.60e-15;
 Matches 21; Conservative 187; Mismatches 160; Indels 0; Gaps 0;
 Db 1031 TCCGAGGTGGTGGAGGTGGAGGACCTGATGGATYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1090
 QY 201 TCCGAGTGGGACTGCTGATGTTGCTCCAGCTGATTTGATTCAGTGGAGACCTGCTGCTGCA 260
 Db 1091 YYY 1150
 QY 261 GACCTGCGGCCACCCCTGTCCCCAGGCCAGGGTACAGTCCCAAGGGAAATTCA 320
 Db 1151 YYY 1210
 QY 321 TTTGGCTTCCAGTGTATCGACTGCTGGGGACCTCTCGGGGCCACAGGGCA 380
 Db 1211 YYY 1270
 QY 381 CTGCAACCTTGGACAGCTGACCCAGTGTGTCGGTTCTACTGTGTCCTGGGACAA 440
 Db 1271 YYY 1330
 QY 441 GACCCACAACTGTCAGCTGTCGGTCCAGGTTCCCAGCGGAGCGCTGGTGC 500
 Db 1331 YYY 1390
 QY 501 CGTCGTCTCCATGGCCCTGGCTCCTGACTCTGGCCAGCTGGACT 560
 Db 1391 YYYYYYY 1398
 QY 561 GCACATCT 568

RESULT 3
 ID US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.
 AC xxxxxx

DT Sequence 5, Application US/08238163
 DE Sequence 5, Application US/08238163
 CC Patent No. 5569830
 CC GENERAL INFORMATION:
 CC APPLICANT: BENNETT, Alan
 CC ADDRESS: 1000 19th Street, Suite 1000
 CC CITY: San Francisco
 CC STATE: California
 CC COUNTRY: US
 CC ZIP: 94105-1493
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, Version #1.25
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/232,463
 CC FILING DATE:
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US/07/935,313
 CC FILING DATE:
 CC APPLICATION NUMBER: EP 91 114 300.6
 CC FILING DATE: 26 AUG-1991
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: BENT, Stephen A.
 CC REGISTRATION NUMBER: 29,768
 CC REFERENCE/DOCKET NUMBER: 30472/114 IMMU
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (703) 836-9300
 CC TELEFAX: (703) 683-4109
 CC TELEX: 899149
 CC INFORMATION FOR SEQ ID NO: 14:

SEQUENCE ADDRESS:
 CC ADDRESS: Townsend and Townsend Khouri and Crew
 CC STREET: Stewart Street Tower, One Market Plaza
 CC CITY: San Francisco
 CC STATE: California
 CC COUNTRY: US
 CC ZIP: 94105-1493
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOSE/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, Version #1.25
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/238,163
 CC FILING DATE: 03-MAY-1994
 CC CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:
 NAME: Bastian, Kevin L.
 REGISTRATION NUMBER: 34,774
 REFERENCE/DOCKET NUMBER: 23:07E-540
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 543-9600
 TELEFAX: (415) 543-5043
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 215 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: 1..215
 OTHER INFORMATION: /standard_name="Deduced amino acid
 OTHER INFORMATION: sequence of PGIP from bean."
 SEQUENCE 215 BP: 15 A: 8 C: 25 G: 26 T: 141 OTHER.

Length 215:

| Best Matches | Local Similarity | 11.6% | Pred. No. | 1.07e-10 | Indels | 1 |
|-----------------|---|-------|--------------|----------|--------|---|
| 1 | MTNVTTMSSSVWSRTASNDRAKKDGNTTSSWTDCCNRTWGYCDTDTYVNNDS | | | | | |
| 532 | CTCTCTGACCTCGGCCAGCTGGCAGATCGCACATGGCAGTGAGGTAGTGG | | | | | |
| 61 | YSSANYTGGNNYGAATHYHTHNVSGADSKTVTDYNSAGSTSSSSNGTDTGN-RSC | | | | | |
| 592 | TGCCCCGAGAGAACCTGCTGAGGTGCGCTGAGGTTCCCGGTGACCGAACCCG | | | | | |
| 120 | YGSSKTTAMTSRNETGDSRNGDASDKitKKHARNsADGKVGRNNGIG | | | | | |
| 652 | TGCAAGTCCCCAGGAAGAGGGGGAGCGATGGAGAGGAGAAAGGGGGCT | | | | | |
| 180 | RYGTGTKSNSVNMCGGGNGKRDVSSYANNKCCGSSC | | | | | |
| 712 | GACCTGTGGCTGAGGCTGGCGTCTCAGGGG | | | | | |

US-08-232-453-14 STANDARD; DNA; UNC; 7218 BP.
xxxxxx

Sequence 14, Application US/08232463
Sequence 14, Application US/08232463
Patent No. 5670367

GENERAL INFORMATION:

APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.

TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS

NUMBER OF SEQUENCES: 52

CORRESPONDENCE ADDRESS:

ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500

CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313

TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (202) 371-2610
 CC TELEFAX: (202) 371-2540
 CC INFORMATION FOR SEQ ID NO: 73:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 52 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: both
 CC TOPOLOGY: both
 SQ SEQUENCE 52 BP; 12 A; 15 C; 11 G; 14 T; 0 OTHER.
 Query Match 4.0% Score 40; DB 2; Length 52;
 Best Local Similarity 96.3%; Pred. No. 4.10e-10;
 Matches 52; Conservative 0; Mismatches 0; Indels 2; Gaps 2;
 Db 1 GATCCAAGCT-ACGTACGGCTGCATGC-ACGTCATAGCTCTTATAGTCAC 52
 Qy 905 GATCCAAGCTTACGTACGGCTGCATGCATAGCTCTTATAGTCAC 958

on coding regression

SEQUENCE 6 US-08-254-359A-32 STANDARD; DNA; UNC; 206 BP.
 AC xxxxxx

DE Sequence 32, Application US/08254359A
 Patent No. 5614402
 CC GENERAL INFORMATION:
 CC APPLICANT: DAHMBERG, JAMES E.
 CC APPLICANT: LYAMICHEV, VICTOR I.
 CC APPLICANT: BROW, MARY ANN D.
 CC TITLE OF INVENTION: 5' NUCLEASES DERIVED FROM THERMOSTABLE
 CC NUMBER OF SEQUENCES: 40
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: HAVERSTOCK, MEDLEN & CARROLL
 CC STREET: 220 MONTGOMERY STREET, SUITE 2200
 CC CITY: SAN FRANCISCO
 CC STATE: CALIFORNIA
 CC COUNTRY: UNITED STATES OF AMERICA
 CC ZIP: 94104
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.25
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/254,359A
 CC FILING DATE: 07-DEC-1992
 CC CLASSIFICATION: 435
 CC PRIORITY APPLICATION DATA:
 CC APPLICATION NUMBER: GB 9303988.1
 CC FILING DATE: 26-FEB-1993
 CC ATTORNEY/AGENT INFORMATION:
 NAME: MITCHARD, LEONARD C
 CC REGISTRATION NUMBER: 29,009
 CC INFORMATION FOR SEQ ID NO: 1:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 1619 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: double
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: DNA (genomic)
 CC HYPOTHETICAL: NO
 CC ANTI-SENSE: NO
 CC ORIGINAL SOURCE:
 CC ORGANISM: Saccharomyces cerevisiae
 CC FEATURE:
 CC NAME/KEY: misc_recomb
 CC LOCATION: 546..547
 CC FEATURE:
 CC NAME/KEY: misc_recomb
 CC LOCATION: 635..636
 CC FEATURE:
 CC NAME/KEY: misc_recomb
 CC LOCATION: 1035..1036
 CC FEATURE:
 CC NAME/KEY: misc_recomb
 CC LOCATION: 1411..1412
 CC FEATURE:
 CC NAME/KEY: misc_feature
 CC LOCATION: 550..555
 CC FEATURE:
 CC NAME/KEY: misc_feature
 CC LOCATION: 574..579
 CC FEATURE:
 CC NAME/KEY: misc_feature

Query Match 3.9% Score 39; DB 1; Length 206;

CC LOCATION: 668..673
 CC FEATURE: misc_feature
 CC NAME/KEY: misc_feature
 CC LOCATION: 692..697
 CC SEQ SEQUENCE 1619 BP; 453 A; 334 C; 289 G; 543 T; 0 OTHER.

Query Match Score 39; DB 1; Length 1754;
 Best Local Similarity 3.9%; Pred. No. 1.55e-09;
 Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 999 CAATTCACTGGCGTCTTACAACGTGACTGGAAA 1039
 QY 966 CAATTCACTGGCGTCTTACAACGTGACTGGAAA 1006

RESULT 8 ID US-08-907-455-2 STANDARD; DNA; UNC; 1754 BP.
 AC xxxxxx

Sequence 2, Application US/08507455
 Sequence 2, Application US/08507455
 CC Patent No. 5693961
 CC GENERAL INFORMATION:
 CC APPLICANT:
 CC TITLE OF INVENTION: BIFUNCTIONAL EXPRESSION SYSTEM
 CC NUMBER OF SEQUENCES: 6
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: NIXON & VANDERHYE P. C.
 CC STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
 CC CITY: ARLINGTON
 CC STATE: VIRGINIA
 CC COUNTRY: USA
 CC ZIP: 22201-4714
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, Version #1.25
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/507,455
 CC FILING DATE: 08-SEP-1995
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: GB 9303988.1
 CC FILING DATE: 26-FEB-1993
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: MITCHARD, LEONARD C
 CC REGISTRATION NUMBER: 29,009
 CC REFERENCE/DOCKET NUMBER: 1498-72
 CC INFORMATION FOR SEQ ID NO: 2:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 1754 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: double
 CC TOPOLOGY: linear
 CC MOLECULE TYPE: DNA (genomic)
 CC HYPOTHETICAL: NO
 CC ANTI-SENSE: NO
 CC ORIGIN SOURCE:
 CC ORGANISM: Saccharomyces cerevisiae
 CC FEATURE:
 CC NAME/KEY: misc_recomb
 CC LOCATION: 546..547
 CC FEATURE:
 CC NAME/KEY: misc_recomb
 CC LOCATION: 635..636
 CC FEATURE:
 CC NAME/KEY: misc_recomb
 CC LOCATION: 1035..1036
 CC FEATURE:
 CC NAME/KEY: misc_recomb
 CC LOCATION: 1411..1412
 CC SEQ SEQUENCE 1754 BP; 491 A; 365 C; 319 G; 579 T; 0 OTHER.

Query Match Score 39; DB 1; Length 1754;
 Best Local Similarity 3.9%; Pred. No. 1.55e-09;
 Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 999 CAATTCACTGGCGTCTTACAACGTGACTGGAAA 1039
 QY 966 CAATTCACTGGCGTCTTACAACGTGACTGGAAA 1006

RESULT 9 ID US-07-924-028A-6 STANDARD; DNA; UNC; 3681 BP.
 AC xxxxxx

Sequence 6, Application US/07924-028A
 CC Sequence 6, Application US/07924-028A
 CC Patient No. 50573
 CC GENERAL INFORMATION:
 CC APPLICANT: Lubitz Werner, Szostak, Michael P.
 CC TITLE OF INVENTION: CARRIER BOUND RECOMBINANT PROTEINS, PROCESS
 CC NUMBER OF SEQUENCES: 6
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Feifei & Lynch
 CC STREET: 805 Third Avenue
 CC CITY: New York City
 CC STATE: New York
 CC COUNTRY: USA
 CC ZIP: 10022
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
 CC COMPUTER: IBM PS/2
 CC OPERATING SYSTEM: PC-DOS
 CC SOFTWARE: Wordperfect
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/07-924-028A
 CC FILING DATE: 30-SEP-1992
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: PCT/EP91/00308
 CC FILING DATE: 02-FEB-1991
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: DE 40 05 874
 CC FILING DATE: 24-FEB-1990
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Hansen, No 5470573man D.
 CC REGISTRATION NUMBER: 30,946
 CC REFERENCE/DOCKET NUMBER: HUBR 1027
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (212) 688-9200
 CC TELEFAX: (212) 838-3884
 CC INFORMATION FOR SEQ ID NO: 6:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 3681 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC SEQUENCE 3681 BP; 949 A; 917 C; 932 G; 883 T; 0 OTHER.

Query Match Score 39; DB 1; Length 3681;
 Best Local Similarity 3.9%; Pred. No. 1.55e-09;
 Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 580 TTCCCACTGACGCTTAAACACGGCAGTGAATTG 620
 QY 1006 TTCCCCAGTCAGGACGTAAACGAGGCCAGTGAATTG 966

RESULT 10 ID US-08-204-675-1 STANDARD; DNA; UNC; 4164 BP.
 AC xxxxxx

Sequence 1, Application US/08204675

Sequence 1, Application US/08204675
 Patent No. 5677170
 GENERAL INFORMATION:
 APPLICANT: Devine, Scott E.
 COMPUTER: Boeke, Jeff D.
 APPLICANT: Braiterman, Leilita T.
 TITLE OF INVENTION: In Vitro Transposition of Artificial
 NUMBER OF INVENTION: Transposons
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESS: Banner, Birch, McKie, and Beckett
 STREET: 1001 G Street, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20001
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/02520
 FILING DATE: 02-MAR-1995
 CLASSIFICATION:
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/204,675
 FILING DATE: 02-MAR-1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A.
 REGISTRATION NUMBER: 32,141
 INFORMATION FOR SEQ ID NO: 1:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202.508.9100
 TELEFAX: 202.508.9299
 INFORMATION FOR SEQ ID NO: 1:
 TELEPHONE: 197430 BBMB UT
 TELEFAX: 197430 BBMB UT
 LENGTH: 4164 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 IMMEDIATE SOURCE:
 CLONE: PAT-1
 SEQUENCE 4164 BP; 1185 A; 886 C; 988 G; 1105 T; 0 OTHER.
 SQ Query Match 3.9%; Score 39; DB 1; Length 4164;
 Best Local Similarity 97.6%; Pred. No. 1.55e-09;
 Batches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 DE Sequence 1, Application US/08445265A
 CC Sequence 1, Application US/08445265A
 CC Patent No. 5677901
 CC GENERAL INFORMATION:
 CC APPLICANT: Eriksson, Elof
 CC TITLE OF INVENTION: GENE DELIVERY BY MICRONEEDLE INJECTION
 CC NUMBER OF SEQUENCES: 4
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSE: Quarles & Brady
 CC STREET: 1 South Pinckney Street
 CC CITY: Madison
 CC STATE: WI
 CC COUNTRY: US
 CC ZIP: 53703
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/445,265A
 CLASSIFICATION: 604
 ATTORNEY/AGENT INFORMATION:
 NAME: Seay, Nicholas J
 REGISTRATION NUMBER: 27386
 REFERENCE/DOCKET NUMBER: 110229.91080
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 608-251-5000
 TELEFAX: 608-251-5166

INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4283 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: circular
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "Plasmid DNA"
 FEATURE:
 NAME/KEY: CDS
 LOCATION: join(713..721, 981..1250)
 SEQUENCE 4283 BP; 1023 A; 1095 C; 1114 G; 1051 T; 0 OTHER.
 Query Match 3.9%; Score 39; DB 1; Length 4283;
 Best Local Similarity 97.6%; Pred. No. 1.55e-09;
 Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0
 4226 TTTCCTTCACTCAGCACGTTGTAANACGAGGCCACTGAAATTG 4266
 1006 TTTCCTTCACTCAGCACGTTGTAANACGAGGCCACTGAAATTG 966
 RESULT 13
 0 US-08-343-401A-3 STANDARD; DNA; UNC; 4283 BP.
 xxxxxx
 Sequence 3, Application US/08343401A
 Sequence 3, Application US/08343401A
 GENERAL INFORMATION:
 Patent No. 5661132
 APPLICANT: Swain, William F
 APPLICANT: Macklin, Michael D
 APPLICANT: Eriksson, Elof
 APPLICANT: Andreu, Christophe
 TITLE OF INVENTION: Improved Wound Healing
 NUMBER OF SEQUENCES: 4
 CORRESPONDENCE ADDRESS:
 STREET: Quarles & Brady
 CITY: Madison
 STATE: WI
 COUNTRY: USA
 ZIP: 53701-2113
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/343,401A
 FILING DATE: 22-NOV-1994
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Seay, Nicholas J
 REGISTRATION NUMBER: 27,386
 REFERENCE/DOCKET NUMBER: 11-229-9103-9
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 608-251-5000
 TELEFAX: 608-251-9166
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4283 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 IMMEDIATE SOURCE:
 CLONE: PWR1630
 FEATURE:
 NAME/KEY: exon
 LOCATION: 713..721
 SEQUENCE 4283 BP; 1023 A; 1095 C; 1114 G; 1051 T; 0 OTHER.
 Query Match 3.9%; Score 39; DB 1; Length 4283;
 Best Local Similarity 97.6%; Pred. No. 1.55e-09;
 Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0
 4226 TTTCCTTCACTCAGCACGTTGTAANACGAGGCCACTGAAATTG 4266
 1006 TTTCCTTCACTCAGCACGTTGTAANACGAGGCCACTGAAATTG 966
 RESULT 14
 ID US-08-119-512-1 STANDARD; DNA; UNC; 4539 BP.
 AC xxxxxx
 DT Sequence 1, Application US/08119512
 CC Sequence 1, Application US/08119512
 CC Patent No. 5498531
 CC GENERAL INFORMATION:
 CC APPLICANT: Jarrell, Kevin A.
 CC TITLE OF INVENTION: INTRON MEDIATED RECOMBINANT TECHNIQUES
 CC NUMBER OF SEQUENCES: 3
 CC TITLE OF INVENTION: AND REAGENTS
 CC NUMBER OF SEQUENCES: 3
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: LAHIVE & COCKFIELD
 CC STREET: 60 State Street
 CC CITY: Boston
 CC STATE: MA
 CC COUNTRY: USA
 CC ZIP: 02109
 COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: ASCII (text)
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/119,512
 CC FILING DATE: 10-SEP-1993
 CC CLASSIFICATION: 435
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Vincent, Matthew P.
 CC REGISTRATION NUMBER: 36,709
 CC REFERENCE/DOCKET NUMBER: HUT-008
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (617) 227-7400
 CC TELEFAX: (617) 227-5941
 CC INFORMATION FOR SEQ ID NO: 1:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 4539 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: double
 CC TOPOLOGY: both
 CC MOLECULE TYPE: other nucleic acid
 CC FEATURE:
 CC NAME/KEY: misc_feature
 CC LOCATION: 969..1259
 CC OTHER INFORMATION: /product= "E3 exon"
 CC NAME/KEY: misc_feature
 CC LOCATION: 1290..1559
 CC OTHER INFORMATION: /product= "E5 exon"
 CC SEQUENCE 4539 BP; 1246 A; 979 C; 998 G; 1316 T; 0 OTHER.

